



## SYPHILIS IN NEVADA

State AIDS Taskforce  
June 18, 2008



## About Syphilis

- ❑ Often called the “great imitator” because the signs and symptoms mimic other diseases
- ❑ Passed from person to person through direct contact with a syphilis sore typically found in the external genitals, lips and mouth (primary/secondary) and from mother to child (congenital)
- ❑ Earlier this decade, syphilis began to reemerge in the United States as a notable public health threat among high risk groups, such as men who have sex with men (MSM) and African Americans

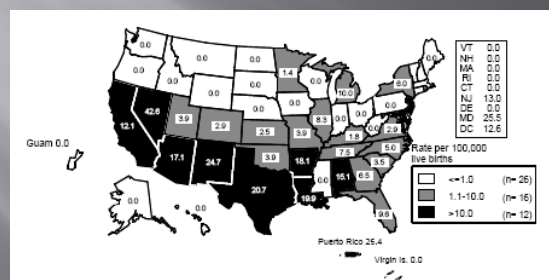


## About Syphilis, cont.

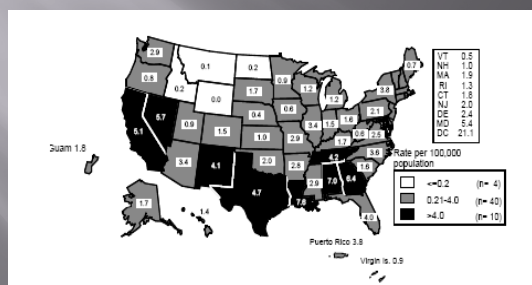
- ❑ Public health professionals believe that the increase in HIV and syphilis coinfection has to do with anonymous sexual partners, inconsistent condom use, and an increased number of sexual partners
- ❑ Genital sores caused by syphilis increases the risk of HIV transmission by an estimated 2-to-5 fold increase



## Congenital Syphilis Rates by State, 2006



## Primary and Secondary Syphilis Rates by State, 2006



## Syphilis in Nevada

- ❑ In 2006, Nevada ranked 4<sup>th</sup> nationally for the rate per 100,000 of new primary and secondary syphilis cases, and 1<sup>st</sup> for the rate per 100,000 of new congenital syphilis cases.
- ❑ Clark County ranked 18<sup>th</sup> nationally among counties for the rate per 100,000 of new primary and secondary syphilis in 2006.
- ❑ Clark County accounted for 95% of the early infectious syphilis cases in Nevada in 2007.
- ❑ Early infectious syphilis increased 7% from 2006 to 2007, not as substantial as the increase experienced from 2005 to 2006, a growth of 48 percent.



## Syphilis in Nevada, cont.

- ❑ Clark County experienced a 53% growth in early infectious cases from 2005 to 2006 and a 7% growth the following year.
- ❑ Nye County accounted for 1 case in 2006 and 6 cases in 2007 (a fivefold increase).
- ❑ Washoe County and Carson City have seen a decrease in annual cases over the past few years.



## HIV/Syphilis Coinfection

- ❑ The national HIV/syphilis coinfection estimates range between 20% to 73% among MSM.
- ❑ In 2007, Nevada had an HIV and primary/secondary syphilis coinfection rate of 41.4% (41/99) among men and 0.0% (0/12) among women.
- ❑ 97% of the men with a coinfection reported being MSM.

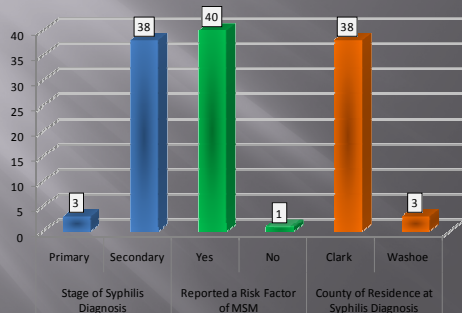
**Epidemiology of Nevada Primary/Secondary Syphilis and HIV Co-infected Persons, 2007 \***

<b>Stage of Syphilis Diagnosis</b>	
Primary	3
Secondary	38
<b>Reported a Risk Factor of MSM</b>	
Yes	41
No	1
<b>County of Residence at Syphilis Diagnosis</b>	
Clark	38
Washoe	3
<b>Age at Syphilis Diagnosis</b>	
15 - 24	3
25 - 34	4
35 - 44	6
45 - 54	9
55 - 64	7
65 - 74	6
75+	1
<b>Race</b>	
White	21
Black	11
American Indian/Alaskan Native	0
Asian	1
Unknown	8
<b>Ethnicity</b>	
Hispanic	5
Non-Hispanic	29
Unknown	7

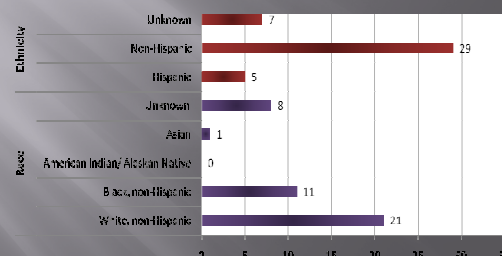
\* Excludes year of syphilis diagnosis



## Coinfection Snapshot, 2007



## Coinfection by Race/Ethnicity, 2007



## CDC's Syphilis Elimination

SYPHILIS ELIMINATION GOAL	SYPHILIS ELIMINATION STRATEGIES
<b>Investment in, and enhancement of, public health services and interventions</b> - Public health services will achieve excellence in the diagnosis, management, and reporting of syphilis and its adverse outcomes, especially those at greatest risk of health disparities.	<ol style="list-style-type: none"> <li>1. Improve and enhance syphilis surveillance and outbreak response</li> <li>2. Improve and quality assure clinical and partner services</li> <li>3. Improve and quality assure laboratory services</li> </ol>
<b>Prioritization of evidence-based, culturally competent interventions</b> - Public health services will improve the advocacy, acceptability, and appropriateness of their response to syphilis epidemics through the creation of productive and proactive partnerships with external stakeholders.	<ol style="list-style-type: none"> <li>1. Mobilization of affected communities</li> <li>2. Tailoring intervention strategies for affected populations</li> <li>3. Mobilization of, and creating alliances with health care providers</li> </ol>
<b>Accountable services and interventions</b> - Public health services will improve the effectiveness of their interventions by improving accountability for their planning, implementation, and evaluation.	<ol style="list-style-type: none"> <li>1. Training and staff development</li> <li>2. Evidence-based action planning, monitoring, and evaluation</li> <li>3. Research and development</li> </ol>



## Syphilis Elimination

- ❑ Through the SE funding, SNHD will:
  - Target syphilis prevention toward correctional-based youth and adults, African Americans, women of childbearing age, and the MSM community
  - Increase outreach and testing activities and public health presence in areas frequented by persons at high risk of infection
  - Increase HIV/STD trainings for providers



## Coinfection Epidemiology

- ❑ Developed a subcommittee of the HIV/AIDS Surveillance Workgroup to focus on the epidemiology HIV/syphilis coinfection
- ❑ Complete a match between STD\*MIS and HARS to better understand coinfection
- ❑ Complete a GIS analysis of recent syphilis and HIV data



## Contact Information

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Presentation available at: [www.health.nv.gov](http://www.health.nv.gov),  
keyword: SATF



## SATF Events Calendar!

HIV/AIDS EVENTS - JUNE, 2008				
Join AIDS Task Force - www.health.nv.gov/standards/satf				
Date	Event	Time	Location	Notes
June 10, 2008	STD Prevention and Control Program Meeting	10:00 AM	State Capitol Building, Room 300	Agenda: Review of STD Prevention and Control Program Meeting
June 11, 2008	STD Prevention and Control Program Meeting	10:00 AM	State Capitol Building, Room 300	Agenda: Review of STD Prevention and Control Program Meeting
June 12, 2008	STD Prevention and Control Program Meeting	10:00 AM	State Capitol Building, Room 300	Agenda: Review of STD Prevention and Control Program Meeting
June 13, 2008	STD Prevention and Control Program Meeting	10:00 AM	State Capitol Building, Room 300	Agenda: Review of STD Prevention and Control Program Meeting
June 14, 2008	STD Prevention and Control Program Meeting	10:00 AM	State Capitol Building, Room 300	Agenda: Review of STD Prevention and Control Program Meeting
June 15, 2008	STD Prevention and Control Program Meeting	10:00 AM	State Capitol Building, Room 300	Agenda: Review of STD Prevention and Control Program Meeting
June 16, 2008	STD Prevention and Control Program Meeting	10:00 AM	State Capitol Building, Room 300	Agenda: Review of STD Prevention and Control Program Meeting
June 17, 2008	STD Prevention and Control Program Meeting	10:00 AM	State Capitol Building, Room 300	Agenda: Review of STD Prevention and Control Program Meeting
June 18, 2008	STD Prevention and Control Program Meeting	10:00 AM	State Capitol Building, Room 300	Agenda: Review of STD Prevention and Control Program Meeting
June 19, 2008	STD Prevention and Control Program Meeting	10:00 AM	State Capitol Building, Room 300	Agenda: Review of STD Prevention and Control Program Meeting
June 20, 2008	STD Prevention and Control Program Meeting	10:00 AM	State Capitol Building, Room 300	Agenda: Review of STD Prevention and Control Program Meeting
June 21, 2008	STD Prevention and Control Program Meeting	10:00 AM	State Capitol Building, Room 300	Agenda: Review of STD Prevention and Control Program Meeting
June 22, 2008	STD Prevention and Control Program Meeting	10:00 AM	State Capitol Building, Room 300	Agenda: Review of STD Prevention and Control Program Meeting
June 23, 2008	STD Prevention and Control Program Meeting	10:00 AM	State Capitol Building, Room 300	Agenda: Review of STD Prevention and Control Program Meeting
June 24, 2008	STD Prevention and Control Program Meeting	10:00 AM	State Capitol Building, Room 300	Agenda: Review of STD Prevention and Control Program Meeting
June 25, 2008	STD Prevention and Control Program Meeting	10:00 AM	State Capitol Building, Room 300	Agenda: Review of STD Prevention and Control Program Meeting
June 26, 2008	STD Prevention and Control Program Meeting	10:00 AM	State Capitol Building, Room 300	Agenda: Review of STD Prevention and Control Program Meeting
June 27, 2008	STD Prevention and Control Program Meeting	10:00 AM	State Capitol Building, Room 300	Agenda: Review of STD Prevention and Control Program Meeting
June 28, 2008	STD Prevention and Control Program Meeting	10:00 AM	State Capitol Building, Room 300	Agenda: Review of STD Prevention and Control Program Meeting
June 29, 2008	STD Prevention and Control Program Meeting	10:00 AM	State Capitol Building, Room 300	Agenda: Review of STD Prevention and Control Program Meeting
June 30, 2008	STD Prevention and Control Program Meeting	10:00 AM	State Capitol Building, Room 300	Agenda: Review of STD Prevention and Control Program Meeting